

## TITLE 410 INDIANA STATE DEPARTMENT OF HEALTH

### Final Rule LSA Document #12-615(F)

#### DIGEST

Amends 410 IAC 6-8.3-86 to add that the department may approve a method to break up compaction if compacted soil material is identified in the soil at a depth greater than 12 inches. Effective 30 days after filing with the Publisher.

#### IC 4-22-2.1-5 Statement Concerning Rules Affecting Small Businesses

#### 410 IAC 6-8.3-86

SECTION 1. 410 IAC 6-8.3-86 IS AMENDED TO READ AS FOLLOWS:

#### 410 IAC 6-8.3-86 Elevated sand mound on-site sewage systems: preparation of the site

**Authority:** IC 16-19-3-4; IC 16-19-3-5

**Affected:** IC 16-19-3-4

Sec. 86. (a) For all elevated sand mound sites, the following requirements shall be met for site preparation:

- (1) Vegetation that would interfere with the soils evaluation, system layout, or system construction shall be cut and removed (not scraped) prior to installation without causing compaction.
- (2) Trees shall be cut off at the ground surface and removed, with only stumps left in place. The local health department may require scarring of the tree stumps.
- (3) Tree roots that protrude above the tilled surface shall be cut off and removed without causing compacted soil material.
- (4) The portion of the elevated sand mound site receiving INDOT Specification 23 sand shall be tilled along the contour of the site to a depth of seven (7) inches to fourteen (14) inches with a moldboard or chisel plow, or a bulldozer with a ripper. A backhoe may be used to till sites with special considerations as noted in subsection (b). The department or local health department may require field supervision of tilling operations, as follows:

(A) If a chisel plow or a bulldozer with a ripper is used, tillage shall be across the site along the contour of the site.

(B) If a moldboard plow is used:

- (i) it shall have at least two (2) bottoms and make only one (1) pass across the area, along the contour of the site; and
- (ii) on sites with slopes greater than one-half percent (1/2%), the furrows shall be turned upslope.

(b) For wooded sites, and sites that limit the use of larger equipment, a backhoe may be used to till the site if the following requirements are met:

- (1) The use of a backhoe shall be approved, in writing, by the department or local health department.
- (2) Tilling shall be performed along the contour of the site.
- (3) The surface of the ground shall be tilled with the chisel teeth fitted onto the backhoe bucket.
- (4) The backhoe shall remain on untilled soil.
- (5) If a moldboard plow, chisel plow, or bulldozer with a ripper is used to till the site, the provisions of subsection (a)(4) must be utilized.

(c) If compacted soil material is identified in the soil from the surface to a depth of twelve (12) inches, tilling of the soil shall be to a depth of at least two (2) inches below the bottom of the compacted soil material. If compacted soil material is identified in the soil at a depth greater than twelve (12) inches, the site is unsuitable for elevated sand mound construction, **unless the compaction is broken up by a method approved by the department.** (*Indiana State Department of Health; 410 IAC 6-8.3-86; filed Oct 19, 2012, 2:06 p.m.: 20121114-IR-410120156FRA*)

#### *Notice of Public Hearing*